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Molecular tectonics: 1D tubular type and 3d diamond like mercury(II) coordination polymers based on pyridyl appended p-tert-butyltetrathiacalix[4]arene

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Abstract

© ISUCT Publishing.1D Tubular-type and 3D diamond-like coordination polymers are formed upon ombining pyridyl appended p-tertbutyltetrathiacalix[4]arene in 1,3-alternate conformation tectons 4 and 5 with mercury(II) chloride.

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Keywords

Coordination polymer, Mercury, Molecular tectonics, Tetrathiacalix[4]arene